Set Name side by side	Query	Hit C unt	Set Name result set
DB = USP	PT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L5</u>	PAM and starch and borax	4	<u>L5</u>
<u>L4</u>	PAM near13 crosslink\$ near15 starch near15 borax	0	<u>L4</u>
<u>L3</u>	Pam near13 crosslink\$ near15 starch near15 borax	0	<u>L3</u>
<u>L2</u>	Pam near3 crosslink\$ near5 starch near5 borax	0	<u>L2</u>
<u>L1</u>	PAM	4688	<u>L1</u>

**END OF SEARCH HISTORY** 

09/879509

Set Name side by side	Query	Hit Count	Set Name result set
DB = USF	PT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L5</u>	PAM and starch and borax	4	<u>L5</u>
<u>L4</u>	PAM near13 crosslink\$ near15 starch near15 borax	0	<u>L4</u>
<u>L3</u>	Pam near13 crosslink\$ near15 starch near15 borax	0	<u>L3</u>
<u>L2</u>	Pam near3 crosslink\$ near5 starch near5 borax	0	<u>L2</u>
<u>L1</u>	PAM	4688	<u>L1</u>

**END OF SEARCH HISTORY** 

09/879509

# WEST

**Generate Collection** 

Print

### Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 6136578 A

L5: Entry 1 of 4

File: USPT

Oct 24, 2000

US-PAT-NO: 6136578

DOCUMENT-IDENTIFIER: US 6136578 A

TITLE: Storage-stable liquid formulation comprising a laccase

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME

CITY STATE ZIP CODE COUNTRY

S.o slashed.rensen; Niels Henrik

Sk.ae butted.vinge

DKX

Rasmussen; Grethe

Farum

DKX

Henriksen; Lotte Rugholm

Vanl.o slashed.se

DKX

US-CL-CURRENT: <u>435/188</u>; <u>435/189</u>, <u>435/190</u>, <u>435/191</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments
Draw Desc Image

KWIC

2. Document ID: US 6113829 A

L5: Entry 2 of 4

File: USPT

Sep 5, 2000

COUNTRY

US-PAT-NO: 6113829

DOCUMENT-IDENTIFIER: US 6113829 A

TITLE: Method of forming and shaping plasticized mixtures by low to moderate shear

extrusion

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME CITY STATE Bookbinder; Andrea W. Corning NY Chalasani; Devi Painted Post NY Dillon; Gregory P. Painted Post NY McCarthy; Kevin R. Horseheads NY Stutts; Brian E. Horseheads NY Zak; Michael E. Canandaiqua NY

US-CL-CURRENT: 264/211.11; 264/177.11, 264/177.12, 264/630, 264/631, 264/638, 264/639, 264/669, 264/670

BEST AVAILABLE CORV

ZIP CODE



### 3. Document ID: US 6071325 A

L5: Entry 3 of 4

File: USPT

Jun 6, 2000

US-PAT-NO: 6071325

DOCUMENT-IDENTIFIER: US 6071325 A

TITLE: Binder composition and process for agglomerating particulate material

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Schmitt; James

Eveleth

MN

US-CL-CURRENT: 75/321; 106/157.8, 106/204.01, 106/205.9, 106/217.9, 75/772



KMMC

### 4. Document ID: US 5698007 A

L5: Entry 4 of 4

File: USPT

Dec 16, 1997

US-PAT-NO: 5698007

DOCUMENT-IDENTIFIER: US 5698007 A

TITLE: Process for agglomerating particulate material

DATE-ISSUED: December 16, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Schmitt; James

Eveleth

MN

US-CL-CURRENT: <u>75/772</u>; <u>75/321</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

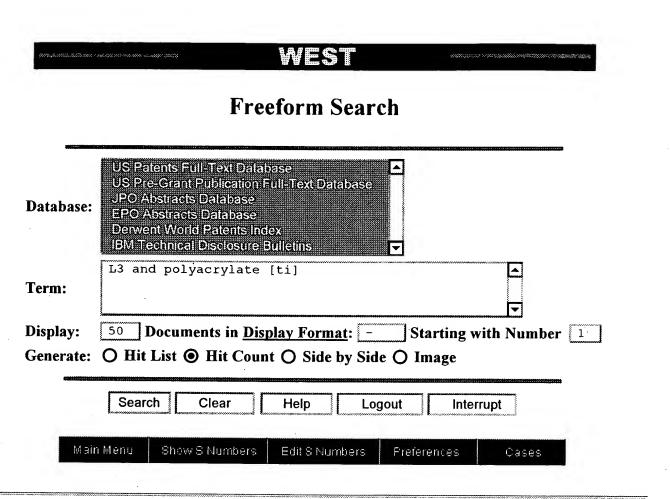
Draw Desc Image

KMAC

Generate Collection

Print

ZIP CODE



### Search History

DATE: Wednesday, March 13, 2002 Printable Copy Create Case

Set Name Side by side Query	HI Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L11</u> L10 and 13	4	<u>L11</u>
L10 acrylate near acrylamide near copolymer	462	<u>L10</u>
<u>L9</u> L3 and polyacrylate [ti]	2	<u>L9</u>
L8 L3 and polyacrylate [ti]	2	<u>L8</u>
<u>L7</u> L3 and polyacrylate [ti]	2	<u>L7</u>
<u>L6</u> L3 and polyacrylate	24	<u>L6</u>
L5 L3 and polyacrylamide [ti]	0	<u>L5</u>
<u>L4</u> L3 and polyacrylamide	20	<u>L4</u>
<u>L3</u> 11 and 12	107	<u>L3</u>
<u>L2</u> starch	159506	<u>L2</u>
<u>L1</u> sodium tetraborate decahydrate	491	<u>L1</u>

TITLE: Silver halide photographic light-sensitive material containing aliphatic carboxylic ester

DATE-ISSUED: November 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Yoneyama; Masakazu	Kanagawa				JPX
Yamada; Ryosuke	Kanagawa				JPX
Nishiura; Yosuke	Kanagawa			,	JPX
Maekawa; Yukio	Kanagawa				JPX
Higaki; Yuzo	Tokyo				JPX
Iwamoto; Yoshiaki	Kanagawa				JPX

US-CL-CURRENT:  $\underline{430}/\underline{523}$ ;  $\underline{430}/\underline{529}$ ,  $\underline{430}/\underline{531}$ ,  $\underline{430}/\underline{539}$ ,  $\underline{430}/\underline{633}$ ,  $\underline{430}/\underline{635}$ ,  $\underline{430}/\underline{638}$ ,  $\underline{430}/\underline{961}$ 



14. Document ID: US 5011768 A

L4: Entry 14 of 20

File: USPT

Apr 30, 1991

US-PAT-NO: 5011768

DOCUMENT-IDENTIFIER: US 5011768 A

TITLE: Silver halide photographic material

DATE-ISSUED: April 30, 1991

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

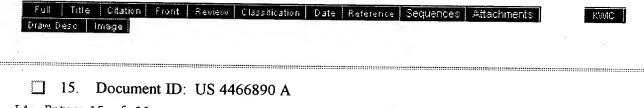
COUNTRY

Ogawa; Tadashi

Kanagawa

JPX

US-CL-CURRENT: 430/569; 430/567



L4: Entry 15 of 20

File: USPT

Aug 21, 1984

US-PAT-NO: 4466890

DOCUMENT-IDENTIFIER: US 4466890 A

TITLE: Liquid gel concentrates and methods of using the same

DATE-ISSUED: August 21, 1984

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

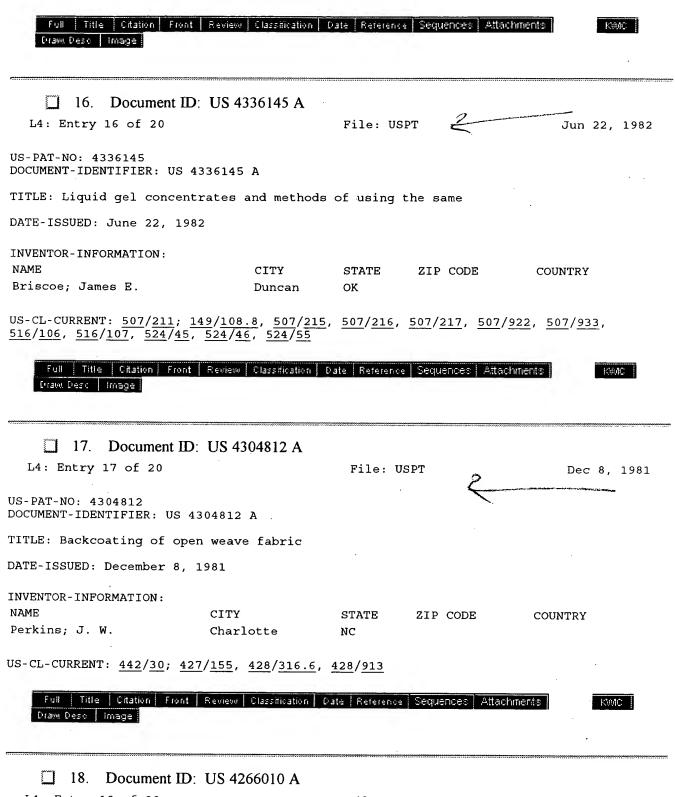
COUNTRY

Briscoe; James E.

Duncan

OK

US-CL-CURRENT: 507/211; 507/215, 507/216, 507/217, 507/922, 507/933, 516/107



L4: Entry 18 of 20

File: USPT

May 5, 1981

US-PAT-NO: 4266010

DOCUMENT-IDENTIFIER: US 4266010 A

TITLE: Silver halide photographic light-sensitive material

DATE-ISSUED: May 5, 1981

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

JUNIF

Nagatomo; Shigeru

Minami-ashigara

JPX JPX

Hori; Kiyotaka Minami-ashigara

US-CL-CURRENT: <u>430/355</u>; <u>430/539</u>, <u>430/543</u>, <u>430/642</u>, <u>430/950</u>, <u>430/961</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments



KMC

19. Document ID: US 4021245 A

L4: Entry 19 of 20

File: USPT

May 3, 1977

US-PAT-NO: 4021245

DOCUMENT-IDENTIFIER: US 4021245 A

TITLE: Photographic light-sensitive material

DATE-ISSUED: May 3, 1977

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Nagatomo; Shigeru

Minami-ashigara

JA

Hori; Kiyotaka

Minami-ashigara

JA

US-CL-CURRENT: 430/537; 430/523, 430/539, 430/642

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC

20. Document ID: US 4020210 A

L4: Entry 20 of 20

File: USPT

Apr 26, 1977

US-PAT-NO: 4020210

DOCUMENT-IDENTIFIER: US 4020210 A

TITLE: Encapsulated water paper

And the state of the second se

DATE-ISSUED: April 26, 1977

INVENTOR - INFORMATION:

NAME

CITY

STATE

ZIP CODE

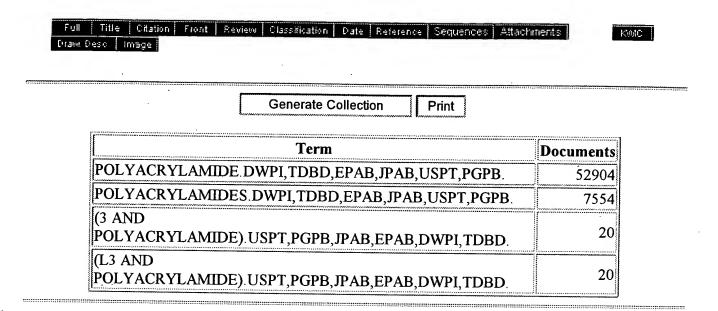
COUNTRY

Geer; Loren E.

Webster

NY

US-CL-CURRENT:  $\underline{430}/\underline{104}$ ;  $\underline{162}/\underline{138}$ ,  $\underline{264}/\underline{4.4}$ ,  $\underline{427}/\underline{121}$ ,  $\underline{427}/\underline{145}$ ,  $\underline{427}/\underline{213.3}$ ,  $\underline{428}/\underline{321.5}$ ,  $\underline{428}/\underline{326}$ ,  $\underline{428}/\underline{327}$ ,  $\underline{428}/\underline{402.2}$ ,  $\underline{428}/\underline{402.22}$ ,  $\underline{428}/\underline{402.24}$ ,  $\underline{428}/\underline{537.5}$ ,  $\underline{428}/\underline{913}$ ,  $\underline{430}/\underline{138}$ 



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## WEST

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## Search Results - Record(s) 1 through 20 of 20 returned.

Document ID: US 20010030032 A1

L4: Entry 1 of 20

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010030032

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010030032 A1

TITLE: Method of increasing retention in papermaking using colloidal borosilicates

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Keiser, Bruce A.

Naperville

IL

US

Whitten, James E.

Naperville

IL

US

US-CL-CURRENT:  $\underline{162/181.6}$ ;  $\underline{423/21.1}$ ,  $\underline{423/277}$ ,  $\underline{423/279}$ ,  $\underline{423/280}$ 

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

KOMO

2. Document ID: US 20010023753 A1

L4: Entry 2 of 20

File: PGPB

Sep 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010023753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010023753 A1

TITLE: Method for flocculating a papermaking furnish using colloidal borosilicates

PUBLICATION-DATE: September 27, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RI

RULE-47

Keiser, Bruce A. Whitten, James E.

Naperville Naperville

IL IL US US

US-CL-CURRENT: 162/181.6; 423/277, 423/279, 423/280

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KAMO

3. Document ID: US 20010023752 A1

L4: Entry 3 of 20

File: PGPB

Sep 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010023752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010023752 A1

TITLE: Method of increasing drainage in papermaking using colloidal borosilicates

PUBLICATION-DATE: September 27, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Keiser, Bruce A.

Naperville

IL

US

Whitten, James E.

Naperville

IL

US

US-CL-CURRENT:  $\underline{162}/\underline{181.6}$ ;  $\underline{423}/\underline{21.1}$ ,  $\underline{423}/\underline{277}$ ,  $\underline{423}/\underline{279}$ ,  $\underline{423}/\underline{280}$ 



KOMO

4. Document ID: US 6310104 B1

L4: Entry 4 of 20

File: USPT

Oct 30, 2001

US-PAT-NO: 6310104

DOCUMENT-IDENTIFIER: US 6310104 B1

TITLE: Process for producing colloidal borosilicates

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Keiser; Bruce A.

Naperville

IL

Whitten; James E.

Naperville

IL

US-CL-CURRENT: 516/79; 423/277, 423/326, 423/332

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
		mage							

KWIC

5. Document ID: US 6270627 B1

L4: Entry 5 of 20

File: USPT

Aug 7, 2001

US-PAT-NO: 6270627

DOCUMENT-IDENTIFIER: US 6270627 B1

TITLE: Use of colloidal borosilicates in the production of paper

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Keiser; Bruce A.
Whitten; James E.

Naperville

IL IL

Naperville ]

US-CL-CURRENT:  $\underline{162}/\underline{181.6}$ ;  $\underline{162}/\underline{164.1}$ ,  $\underline{162}/\underline{164.6}$ ,  $\underline{162}/\underline{166}$ ,  $\underline{162}/\underline{168.1}$ ,  $\underline{162}/\underline{168.3}$ ,  $\underline{162}/\underline{175}$ ,  $\underline{162}/\underline{181.1}$ ,  $\underline{162}/\underline{181.5}$ ,  $\underline{162}/\underline{181.8}$ ,  $\underline{162}/\underline{183}$ 

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Descriptinge

6. Document ID: US 5882542 A

L4: Entry 6 of 20

File: USPT

Mar 16, 1999

US-PAT-NO: 5882542

DOCUMENT-IDENTIFIER: US 5882542 A

TITLE: Sodium sulfate base heat-storage composition and process for producing the same

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Saita; Kenji

Ibaraki

JPX

Suzuki; Yutaka

Ibaraki

JPX

US-CL-CURRENT: <u>252/70</u>; <u>165/10</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Desc Image

KANC

7. Document ID: US 5502082 A

L4: Entry 7 of 20

File: USPT

Mar 26, 1996

US-PAT-NO: 5502082

DOCUMENT-IDENTIFIER: US 5502082 A

TITLE: Low density materials having good compression strength and articles formed therefrom

CHCICITOM

DATE-ISSUED: March 26, 1996

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Unger; Peter D.

Convent Station

ΝJ

Rohrbach; Ronald P.

Flemington

ŊJ

US-CL-CURRENT:  $\underline{521}/\underline{141}$ ;  $\underline{536}/\underline{3}$ ,  $\underline{536}/\underline{45}$ ,  $\underline{536}/\underline{46}$ ,  $\underline{536}/\underline{47}$ ,  $\underline{536}/\underline{51}$ ,  $\underline{536}/\underline{52}$ 

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc Image

K5000

8. Document ID: US 5342750 A

L4: Entry 8 of 20

File: USPT

Aug 30, 1994

US-PAT-NO: 5342750

DOCUMENT-IDENTIFIER: US 5342750 A

TITLE: Silver halide photographic material containing a tellurium compound

DATE-ISSUED: August 30, 1994

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Sasaki; Hirotomo Kanagawa JPX Fujimori; Toru Kanagawa JPX Mifune; Hiroyuki Kanagawa JPX Morimura; Kimiyasu Kanagawa JPX

US-CL-CURRENT: 430/603; 430/575, 430/600, 430/608, 430/611, 430/613



9. Document ID: US 5273874 A

L4: Entry 9 of 20

File: USPT

Dec 28, 1993

US-PAT-NO: 5273874

DOCUMENT-IDENTIFIER: US 5273874 A

TITLE: Silver halide photographic material

DATE-ISSUED: December 28, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Kojima; Tetsuro

Kanagawa

JPX

Mifune; Hiroyuki

Kanagawa

JPX

US-CL-CURRENT: 430/600; 430/603, 430/604, 430/605

Full Title Citation Front						
Full Title Citation Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image						

10. Document ID: US 5266457 A

L4: Entry 10 of 20

File: USPT

Nov 30, 1993

US-PAT-NO: 5266457

DOCUMENT-IDENTIFIER: US 5266457 A

TITLE: Silver halide photographic material

DATE-ISSUED: November 30, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Kojima; Tetsuro Mifune; Hiroyuki

Kanagawa

Kanagawa

JPX JPX

US-CL-CURRENT: 430/601; 430/603

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Drawn Descriptings

KWIC

11. Document ID: US 5236598 A

L4: Entry 11 of 20

File: USPT

Aug 17, 1993

US-PAT-NO: 5236598

DOCUMENT-IDENTIFIER: US 5236598 A

TITLE: Methods for removing solids from water-based paint systems

DATE-ISSUED: August 17, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Hunter; Wood E.
Morse; Lewis D.

Pittsburgh Pittsburgh

PA PA

US-CL-CURRENT: 210/705; 134/38, 210/712, 210/725, 210/727, 210/731, 210/734, 210/930, 427/331, 95/196, 95/197

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KAMIC

12. Document ID: US 5085979 A

L4: Entry 12 of 20

File: USPT

Feb 4, 1992

US-PAT-NO: 5085979

DOCUMENT-IDENTIFIER: US 5085979 A

TITLE: Silver halide color photographic materials and processing method

DATE-ISSUED: February 4, 1992

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

ZIP CODE

COUNTRY

Yamagami; Hiroyuki Aida; Shunichi

Kanagawa Kanagawa

JPX JPX

US-CL-CURRENT: 430/505; 430/544, 430/567, 430/957

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw, Descripting

KWIC

13. Document ID: US 5063147 A

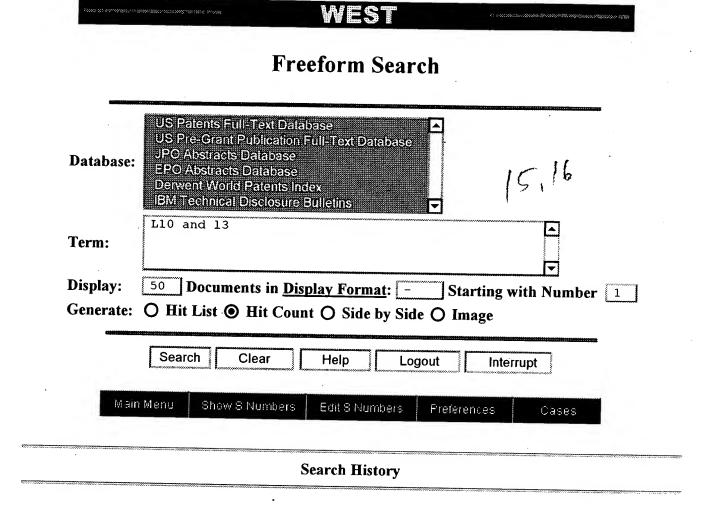
L4: Entry 13 of 20

File: USPT

Nov 5, 1991

US-PAT-NO: 5063147

DOCUMENT-IDENTIFIER: US 5063147 A



DATE: Wednesday, March 13, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB = USPT,	PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	,	resuit set
<u>L11</u>	L10 and 13 copolymer	4	L11 <del>&lt;</del>
<u>L10</u>	acrylate near acrylamide near copolymer	462	L10
<u>L9</u>	L3 and polyacrylate [ti]	the market the construction of the States of	<u>L9</u>
<u>L8</u>	L3 and polyacrylate [ti]	2	L8
<u>L7</u>	L3 and polyacrylate [ti]	2	<u></u> <u>L7</u>
<u>L6</u>	L3 and polyacrylate	24	 L6
<u>L5</u>	L3 and polyacrylamide [ti]	0	 L5
<u>L4</u>	L3 and polyacrylamide		<u>L4</u>
<u>L3</u>	11 and 12	107	L3×
<u>L2</u>	starch	159506	<u>L2</u>
LI	sodium tetraborate decahydrate	491	
	and the second of the second o		

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## WEST

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### Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 5691292 A

L11: Entry 1 of 4

File: USPT

Copolymer + borantitare

US-PAT-NO: 5691292

DOCUMENT-IDENTIFIER: US 5691292 A

TITLE: Thixotropic liquid automatic dishwashing composition with enzyme

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Marshall; Janet Layne

Wyoming Covington OH KY

Hall; David Lee Ambuter; Hal

Medina

ОН

Fitch; Edward Paul

Cincinnati

ОН

US-CL-CURRENT: 510/221; 510/223, 510/226, 510/227, 510/228, 510/392, 510/477

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draws Descriptions

2. Document ID: US 5597789 A

L11: Entry 2 of 4

File: USPT

Jan 28, 1997

US-PAT-NO: 5597789

DOCUMENT-IDENTIFIER: US 5597789 A

TITLE: Liquid or granular automatic dishwashing detergent compositions containing silicate and low molecular weight modified polyacrylate coploymers

DATE-ISSUED: January 28, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Sadlowski; Eugene S.

Cincinnati

OH

US-CL-CURRENT:  $\frac{510}{230}$ ;  $\frac{510}{226}$ ,  $\frac{510}{228}$ ,  $\frac{510}{229}$ ,  $\frac{510}{232}$ ,  $\frac{510}{233}$ ,  $\frac{510}{374}$ ,  $\frac{510}{375}$ ,

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Fram Desc Image

3. Document ID: US 5591703 A

L11: Entry 3 of 4

File: USPT

Jan 7, 1997

US-PAT-NO: 5591703

DOCUMENT-IDENTIFIER: US 5591703 A

TITLE: Liquid or granular automatic diswashing detergent compositions containing builder, enzyme and low molecular weight, modified polyacrylate copolymers

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Sadlowski; Eugene S.

Cincinnati

OH

US-CL-CURRENT: 510/220; 510/223, 510/226, 510/229, 510/230, 510/466, 510/477

Full Title Citation Front Review Classification Date Reference Sequences Attachments

4. Document ID: US 5510047 A

L11: Entry 4 of 4

File: USPT

Apr 23, 1996

US-PAT-NO: 5510047

DOCUMENT-IDENTIFIER: US 5510047 A

TITLE: Process for preparing thixotropic liquid detergent compositions

DATE-ISSUED: April 23, 1996

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Gabriel; Steven M.

Cincinnati

OH

Glassco; Thomas H.

Cincinnati

OH OH

Ambuter; Hal Fitch; Edward P.

Cincinnati Cincinnati

OH

US-CL-CURRENT: 510/221; 510/222, 510/223, 510/226, 510/370, 510/374, 510/393, 510/476, <u>516/115</u>, <u>516/53</u>

Title Citation Front Review Classification Date Reference Sequences Attachments

Generate Collection

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Term ·	Documents
(10 AND 3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4
(L10 AND L3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4